Index of Claims

Application/Control No.

10/625,629 Examiner

Tu T. Nguyen

Applicant(s)/Patent under Reexamination

VERMEIREN ET AL.

Art Unit

2886

Rejected Allowed

(Through numeral) Cancelled Restricted

Non-Elected Ν Interference

**Appeal** Α o Objected

| Cla      | im       | Date     |          |          |              |              |  |  |              | Claim    |   |  | Date     |              |   |          |          |  |          |   |
|----------|----------|----------|----------|----------|--------------|--------------|--|--|--------------|----------|---|--|----------|--------------|---|----------|----------|--|----------|---|
| Final    | Original | 3/6/07   |          |          |              |              |  |  |              |          |   | Final  | Original |              |   |          |          |  |          |   |
|          | _1_      | Ξ        |          |          |              |              |  |  |              |          |   |  | 51       |              |   |          |          |  |          |   |
|          | 2        | =        |          |          |              |              |  |  |              |          |   |  | 52       |              |   |          |          |  |          | L |
|          | 3        | =        |          |          |              |              |  |  |              |          |   |  | 53       |              |   |          |          |  |          |   |
|          | 4        | =        |          |          |              |              |  |  |              |          |   |  | 54       |              |   |          |          |  |          | L |
|          | 5        | =        |          |          |              |              |  |  |              |          |   |  | 55       |              |   |          |          |  |          | L |
| <u></u>  | 6        | =        |          |          |              |              |  |  |              |          |   |  | 56       |              |   |          |          |  |          | L |
|          | 7        | =        |          |          | _            |              |  |  |              |          |   |  | 57       | Ш            |   |          |          |  | _        | L |
| L        | 8        | =        |          |          | L            | _            |  |  |              |          |   |  | 58       | Ш            |   | _        |          |  |          | L |
| <u></u>  | 9        | 1        |          |          |              |              |  |  |              |          |   |  | 59       | Щ            |   |          | L.       | <u> </u>   |          | Ļ |
| <u> </u> | 10       | 1        |          |          |              | <u> </u>     |  |  |              |          |   |  | 60       | $\sqcup$     |   |          | <u> </u> | <u> </u>   |          | Ļ |
|          | 11       | =        |          |          |              | ļ            |  |  |              |          |   |  | 61       |              |   |          |          | _  |          | 1 |
|          | 12       | =        |          |          |              | ļ            |  |  |              |          |   |  | 62       |              |   |          |          | <u> </u>   |          | ╀ |
| <u> </u> | 13       | =        | _        | _        | _            | _            |  |  |              |          |   |  | 63       | Ш            |   | _        | _        | <u> </u>   | L        | ╀ |
| <u> </u> | 14       | =        |          |          | _            | ╙            |  |  |              |          |   | ļ  | 64       |              |   | _        | <u> </u> | <u> </u>   | _        | Ļ |
|          | 15       | =        |          |          | _            | _            | _  |  |              |          |   |  | 65       | $\sqcup$     |   | _        |          | <u> </u>   | _        | Ļ |
| <u> </u> | 16       | =        |          |          | ļ            | <b>├</b> —   | _  | _  |              | _        |   | -  | 66       |              |   | Ш        | -        | <u> </u>   | -        | ╀ |
|          | 17       | =        | _        |          | _            | _            |  |  |              |          | ŀ | <u> </u>   | 67       |              |   | <u> </u> | _        | <u> </u>   | <u> </u> | ╀ |
|          | 18       | =        | <u> </u> | _        | <u> </u>     | <u> </u>     | _  | -  |              |          |   |  | 68       |              |   | <u> </u> | <u> </u> | <del> </del>   |          | ╀ |
| <u> </u> | 19       | =        |          | <u> </u> | <u> </u>     | -            |  | <u> </u>   |              |          |   |  | 69       | $\square$    |   |          | -        | -  |          | ╀ |
|          | 20       | =        | <u> </u> | ļ        | -            | -            | <u> </u>   | $\vdash$   |              |          |   | <u> </u>   | 70       | Н            |   |          | -        | -  |          | ╀ |
|          | 21       | =        | _        | ļ        | <u> </u>     | -            | <u> </u>   | <u> </u>   |              |          |   | <u> </u>   | 71       | Н            |   | -        | -        | <del> </del>   |          | ╀ |
|          | 22       | =        | _        | _        | <u> </u>     | <b> </b>     | -  | _  |              | <u> </u> |   |  | 72       | Н            |   | _        | ⊢        | -  | -        | ╀ |
| <u> </u> | 23       | =        | _        | <u> </u> | <b> </b>     |              | ├-   | <u> </u>   |              | <u> </u> |   |  | 73<br>74 | -            |   |          | ├        | <del> </del> -   | -        | + |
| <u> </u> | 24       | -        | <u> </u> | <u> </u> |              | ⊢            | ⊢  | <u> </u>   | <u> </u>     |          |   | <u> </u>   | 75       | $\vdash$     | - |          | -        |  | -        | ╁ |
| -        | 25       |          |          | H        | -            | ├            |  |  | _            | _        |   | <u> </u>   | 76       | $\vdash$     |   |          |          |  | ╁        | ╁ |
| -        | 26<br>27 |          | -        | <u> </u> |              | ┝            | -  | -  | ┝            | ⊢        |   |  | 77       | Н            |   |          | -        |  | ┢        | t |
| $\vdash$ | 28       | ├-       | ├        |          | ⊢            | ┢            |  |  | $\vdash$     | $\vdash$ |   |  | 78       | Н            |   | -        |          |  | ╁─       | t |
| -        | 29       | $\vdash$ | -        |          | <del> </del> | ┢            |  |  | <del> </del> |          | 1 | <del> </del>                                     | 79       | Н            |   | -        | ┢        | <del>  -</del>   | ├        | t |
| -        | 30       |          | $\vdash$ |          | -            | ┢╌           | -  |  | _            |          |   | <del>                                     </del> | 80       | $\vdash$     |   |          | $\vdash$ | -  | ┢        | t |
| -        | 31       | -        |          |          | -            | <del> </del> | $\vdash$   |  |              | -        |   |  | 81       |              |   |          | $\vdash$ |  | ┢        | t |
|          | 32       | ┢        | ┢        | -        |              | $\vdash$     | -  | -  |              | ┢╌       |   |  | 82       | Н            |   | -        |          | 1  | ┰        | t |
|          | 33       | $\vdash$ | -        | -        | H            | $\vdash$     | $\vdash$   |  | _            | -        |   |  | 83       | Н            |   | $\vdash$ | ╁        | ┰  | ┢        | t |
|          | 34       |          |          | _        | ┢            | H            | H  |  | _            | _        |   | -  | 84       | Н            | _ | Т        | <u> </u> |  | ⇈        | t |
| _        | 35       | H        |          |          | Т            | ┢            | <del>                                     </del> |  |              |          |   |  | 85       |              |   | 1        |          | Т  | t        | t |
|          | 36       | $\vdash$ |          | T        |              | Т            | <del>                                     </del> | <del>                                     </del> |              |          | 1 |  | 86       | П            |   |          |          |  | T        | T |
|          | 37       | $\vdash$ |          |          |              |              | 1  |  |              |          | 1 |  | 87       | П            |   | 1        |          |  | Π        | T |
|          | 38       |          |          |          |              |              |  |  | <u> </u>     |          | 1 |  | 88       | П            |   |          |          |  |          | T |
|          | 39       |          |          |          | Г            | $\vdash$     |  |  |              |          |   |  | 89       |              |   |          |          |  | Π        | T |
|          | 40       |          |          |          |              |              |  |  |              |          |   |  | 90       |              |   |          |          |  |          | T |
|          | 41       |          |          |          | L            |              |  |  |              |          |   |  | 91       |              |   |          |          | L  |          | Ι |
|          | 42       |          |          |          |              |              |  |  |              |          |   |  | 92       |              |   |          |          |  |          | Ι |
|          | 43       |          |          |          |              | L            |  | L  |              |          | ] |  | 93       |              |   |          | 匚        |  | $\Box$   | ĺ |
|          | 44       |          |          |          |              |              |  |  |              |          |   |  | 94       |              |   | oxdot    |          | L  | oxdot    | 1 |
|          | 45       |          |          | 匚        |              |              | $\Box$   |  |              |          |   |  | 95       |              |   | 匚        | L_       | L  |          | Ţ |
|          | 46       | L        |          |          |              |              |  |  | _            |          |   |  | 96       |              |   | <u>L</u> | <u> </u> | <u> </u>   | <u> </u> | 1 |
|          | 47       |          | L        |          | <u> </u>     |              | L  | L_   | _            | <u> </u> | 1 |  | 97       | $oxed{oxed}$ |   | _        | 丄        | <del> </del>   | <b>_</b> | 1 |
|          | 48       |          | _        | _        | _            | 1_           | <u> </u>   | L  | _            | _        |   |  | 98       | L            | _ | <u> </u> | <u> </u> | $oldsymbol{ol}}}}}}}}}}}}}}}}}}$ | ـــ      | 1 |
| L.       | 49       | _        |          |          | <u> </u>     | ↓_           | <u> </u>   | L_   | <u> </u>     | _        |   |  | 99       | L.           | _ | <u> </u> | <u> </u> | <u> </u>   | <u></u>  | ļ |
| L        | 50       |          | <u> </u> | L        |              | L            | L  | <u> </u>   | <u>L</u>     | L.       |   | L  | 100      | L            |   | <u> </u> | Ц.       | L  | _        | 1 |

| Cla      | Claim        |                                     |          | Date     |                |                |          |              |          |          |  |  |  |
|----------|--------------|-------------------------------------|----------|----------|----------------|----------------|----------|--------------|----------|----------|--|--|--|
| _ ]      | Original     |                                     |          |          |                |                |          |              |          |          |  |  |  |
| Final    | . <u>i</u> g |                                     |          |          |                |                |          |              |          |          |  |  |  |
| "        | ÕΙ           |                                     |          |          |                |                |          | 1            |          |          |  |  |  |
|          | 51           | $\dashv$                            | $\dashv$ |          |                |                |          | $\dashv$     |          |          |  |  |  |
|          | 51<br>52     |                                     |          |          |                |                |          |              |          |          |  |  |  |
|          | 53           |                                     |          |          |                |                |          |              |          |          |  |  |  |
|          | 54<br>55     |                                     |          |          |                |                |          |              |          |          |  |  |  |
|          | 55           |                                     |          |          |                |                |          |              |          |          |  |  |  |
|          | 56           |                                     |          |          |                |                |          |              |          |          |  |  |  |
|          | 57           |                                     |          |          |                |                |          |              |          |          |  |  |  |
|          | 58           |                                     |          | _        |                |                |          |              |          |          |  |  |  |
|          | 59           |                                     |          |          |                |                |          |              |          |          |  |  |  |
| $\vdash$ | 60           |                                     | _        | _        |                |                |          |              |          |          |  |  |  |
|          | 61           |                                     |          |          |                |                |          |              |          |          |  |  |  |
| $\vdash$ | 62<br>63     |                                     | $\dashv$ |          |                | <b> </b>       | -        | Щ            | $\vdash$ |          |  |  |  |
|          | 63           | H                                   |          | _        |                | $\vdash$       | $\vdash$ |              |          |          |  |  |  |
|          | 64           | $\dashv$                            |          | _        | -              |                |          | -            |          |          |  |  |  |
|          | 65<br>66     | $\vdash$                            | -        |          |                | $\vdash$       | $\vdash$ | -            | $\vdash$ |          |  |  |  |
| -        | 67           |                                     |          |          | -              | -              | -        |              |          |          |  |  |  |
| -        | 68           |                                     | -        |          | _              |                | $\vdash$ |              |          |          |  |  |  |
|          | 69           |                                     |          |          |                | _              |          | _            |          |          |  |  |  |
| 1        | 70           |                                     |          |          |                |                |          |              | _        |          |  |  |  |
| _        | 71           |                                     |          | _        |                |                |          |              | _        |          |  |  |  |
|          | 72           |                                     |          |          |                |                |          |              |          |          |  |  |  |
|          | 73<br>74     |                                     |          |          |                |                |          |              |          |          |  |  |  |
|          | 74           |                                     |          |          |                |                |          |              |          |          |  |  |  |
|          | 75           |                                     |          |          |                |                |          |              |          |          |  |  |  |
|          | 76<br>77     |                                     |          |          | _              | ·              |          |              |          |          |  |  |  |
|          | 77           |                                     |          |          |                |                |          |              |          |          |  |  |  |
|          | 78           |                                     |          |          | _              | _              |          |              |          |          |  |  |  |
|          | 79           |                                     |          |          |                |                | <u> </u> | ļ            |          |          |  |  |  |
|          | 80           |                                     |          |          | <u> </u>       | _              |          | ·            |          | _        |  |  |  |
| ļi       | 81           |                                     |          |          |                | _              | -        | $\vdash$     |          | -        |  |  |  |
| $\vdash$ | 82<br>83     | $\vdash$                            |          | _        | <del> </del> — | <del> </del> — |          | ⊢            |          | $\vdash$ |  |  |  |
|          | 84           | -                                   | -        | -        | -              | -              | ┢        | <del> </del> | -        | $\vdash$ |  |  |  |
| -        | 85           |                                     |          | -        |                | -              |          | $\vdash$     | -        | -        |  |  |  |
|          | 86           |                                     |          | -        | $\vdash$       | -              | $\vdash$ |              | -        | -        |  |  |  |
|          | 87           | М                                   |          | _        | <del> </del>   |                |          | $\vdash$     | $\vdash$ | -        |  |  |  |
|          | 88           |                                     |          | Г        |                | <u> </u>       |          | Ι            | Т        | $\vdash$ |  |  |  |
|          | 89           |                                     |          | _        | Τ              | T -            | $\vdash$ |              |          |          |  |  |  |
|          | 90           |                                     |          |          |                |                |          |              |          | Ľ        |  |  |  |
|          | 91           |                                     |          |          |                |                |          |              |          |          |  |  |  |
|          | 92           |                                     |          | L.       |                |                |          | <u> </u>     | L        |          |  |  |  |
|          | 93           | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ | L        |          | L              |                |          | <u> </u>     | <u> </u> | L        |  |  |  |
|          | 94           | L                                   | <u></u>  | <u> </u> | <u> </u>       | <u> </u>       | <u> </u> | <u> </u>     | <u> </u> | _        |  |  |  |
| L        | 95           |                                     | <u> </u> | <u> </u> | <u> </u>       | L              | <u> </u> | <u> </u>     |          | _        |  |  |  |
| -        | 96           | <u> </u>                            | <u> </u> | <u> </u> | <u> </u>       |                | -        | <u> </u>     | <u> </u> | <u> </u> |  |  |  |
| -        | 97           | ⊢                                   | <u> </u> | -        | <u> </u>       | ├-             | ├        | ├-           | $\vdash$ | -        |  |  |  |
| -        | 98           | ├                                   | -        | ├        | -              | <del> </del>   | -        | <u> </u>     | $\vdash$ | -        |  |  |  |
| -        | 99           | $\vdash$                            |          | ├        | -              | -              | -        | ├            | -        | ⊢        |  |  |  |

| Claim    |   | Date       |  |                                     |          |            |          |                    |                                     |          |  |
|----------|---|------------|--|-------------------------------------|----------|------------|----------|--------------------|-------------------------------------|----------|--|
|          |   |            |  |                                     |          |            |          |                    |                                     |          |  |
| a        | Original  |            |  |                                     |          |            |          |                    |                                     |          |  |
| Final    | l ĝi l  | i          |  |                                     |          |            |          |                    |                                     |          |  |
| ш.       | ō   |            |  |                                     |          |            |          |                    |                                     |          |  |
|          | 101   |            | _  | -                                   |          |            |          | -                  | -                                   |          |  |
|          | 101   |            |  |                                     |          |            | -        | _                  | Н                                   |          |  |
|          | 102   |            |  | <u> </u>                            | _        |            | _        |                    | _                                   | _        |  |
|          | 101<br>102<br>103<br>104  |            |  |                                     | _        |            |          | _                  |                                     |          |  |
| ļ        | 104   |            |  |                                     |          |            |          | _                  |                                     |          |  |
|          | 105<br>106<br>107   | _          |  |                                     | _        |            |          |                    |                                     | -        |  |
|          | 106   |            |  |                                     |          |            |          | _                  | _                                   | $\dashv$ |  |
|          | 107   | _          |  | L                                   | _        | _          |          |                    |                                     |          |  |
|          | 108<br>109  |            | _  | <u> </u>                            | <u> </u> |            |          | _                  |                                     |          |  |
|          | 109   |            |  | L                                   |          | _          |          | _                  |                                     |          |  |
|          | 110<br>111  |            | _  |                                     | _        |            |          |                    |                                     | $\perp$  |  |
|          | 111   |            | L  | _                                   | ļ        |            |          |                    |                                     | Ш        |  |
|          | 112   | <u> </u>   | <u> </u>                                     |                                     | _        | Ш          | L        | <u> </u>           | <u> </u>                            | Ш        |  |
| <u> </u> | 113   |            | <u> </u>                                     | _                                   | <u> </u> |            | L_       | _                  | <u> </u>                            |          |  |
|          | 114   | L_         | _  | _                                   | <u> </u> | <u> </u>   | L        | _                  |                                     |          |  |
| <u> </u> | 113<br>114<br>115   | L          | _  | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ | L_       | L          |          |                    | _                                   | Ш        |  |
|          | 116<br>117  |            |  | <u> </u>                            |          | <u> </u>   |          | <u> </u>           | _                                   | Щ        |  |
| <u></u>  | 117   | <u> </u>   | _  |                                     |          | <u> </u>   | _        |                    |                                     | Ш        |  |
|          | 118<br>119  |            |  |                                     | <u> </u> | <u> </u>   |          |                    |                                     |          |  |
|          | 119   |            |  |                                     |          |            |          | <u> </u>           | _                                   |          |  |
|          | 120   |            | <u> </u>                                     |                                     |          | _          |          | <u> </u>           | <u></u>                             |          |  |
|          | 121   |            | 乚  | L                                   |          |            |          |                    |                                     |          |  |
|          | 122   | <u> </u>   |  | L                                   |          | <u>_</u> . |          | _                  | _                                   | Щ        |  |
|          | 123   | _          | L.   | L                                   |          | _          |          |                    |                                     | Ш        |  |
| L        | 120<br>121<br>122<br>123<br>124<br>125<br>126<br>127<br>128<br>129<br>130 | <u>  .</u> | L_   | _                                   |          |            | _        | _                  |                                     | Щ        |  |
|          | 125   |            | L  | _                                   | <u> </u> |            | _        | <u> </u>           |                                     |          |  |
|          | 126   |            | <u> </u>                                     | <u> </u>                            | <u> </u> | _          | ╙        | <u> </u>           |                                     | Щ        |  |
|          | 127   |            | _  | _                                   | _        |            | _        | L_                 | <u> </u>                            |          |  |
|          | 128   |            | _  | _                                   |          | _          | _        | _                  | ļ                                   | Щ        |  |
|          | 129   |            | _  | <u> </u>                            |          | _          | _        | <u> </u>           |                                     | Щ        |  |
|          | 130   | <u> </u>   | L  | _                                   |          |            | <u>L</u> | L_                 |                                     | Щ        |  |
|          | 131   |            | L  | ļ                                   |          | L_         |          | L_                 | L.                                  | Ш        |  |
|          | 132   | <u> </u>   | <u> </u>                                     | <u> </u>                            | <u> </u> | _          | L_       | L                  | <u> </u>                            | Ш        |  |
|          | 133   | <u></u>    | <u></u>                                      |                                     | L        |            | L        |                    |                                     | Щ        |  |
|          | 132<br>133<br>134   | _          | L.   | <u> </u>                            |          | L          |          | L                  | _                                   | Щ        |  |
| Ľ.       | 135<br>136  | <u> </u>   | $ldsymbol{ldsymbol{ldsymbol{ldsymbol{eta}}}$ | <u> </u>                            |          | <u>L</u>   | <u> </u> |                    |                                     | Щ        |  |
| L        | 136   | <u> </u>   | <u> </u>                                     | _                                   | <u> </u> |            | L_       | <u> </u>           | <u> </u>                            |          |  |
|          | 137   | L          | $oxed{oxed}$                                 |                                     | <u> </u> |            | _        |                    |                                     | Ш        |  |
| <u> </u> | 138<br>139  |            | L.   | <u> </u>                            |          |            | _        | _                  |                                     | Ш        |  |
| L        | 139   | L.         |  | <u> </u>                            | <u> </u> | <u></u>    |          | _                  | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ | Ш        |  |
|          | 140   | <u> </u>   |  | <u> </u>                            | <u> </u> |            | L_       | L.                 | L                                   |          |  |
|          | 141   |            | <u> </u>                                     | <u> </u>                            |          | <u> </u>   | L.       | $oxed{oxed}$       | <u> </u>                            | Ľ        |  |
|          | 142   | _          | <u> </u>                                     | Ļ                                   | _        | <u> </u>   | L_       | L_                 | <u> </u>                            | Ш        |  |
| <u> </u> | 143   | <u> </u>   | lacksquare                                   | <u> </u>                            |          | <u> </u>   | L_       | L.                 | _                                   | Ш        |  |
|          | 144   | _          | ┖  | L.                                  |          | <u></u>    |          | _                  | <u> </u>                            |          |  |
| <u></u>  | 145   | ļ          | <u> </u>                                     | 1                                   | <u> </u> | 1          | <u> </u> | $oxed{oxed}$       | <u>L</u>                            | Ш        |  |
|          | 146   | _          | _  | _                                   | _        | <u> </u>   | <u> </u> | <u> </u>           | L_                                  |          |  |
|          | 147   | 匚          |  |                                     |          | <u> </u>   | <u> </u> | <u> </u>           | 匚                                   |          |  |
|          | 148   |            | L  | L                                   | <u>_</u> | L          | _        | <u>L</u>           | $oxedsymbol{oxed}$                  | Ш        |  |
|          | 149   |            |  |                                     |          |            |          | $oxedsymbol{oxed}$ |                                     |          |  |
|          | 150   |            | 匚  |                                     |          | L          | $\Box$   | 匚                  | 匚                                   |          |  |